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AMENDMENT TO THE CLAIMS

Kindly amend the claims, without prejudice, without admission, without surrender of subject matter and without any intention of creating any estoppel as to equivalents, as follows;

- 1. (cancelled)
- 2. (previously presented) The method according to claim 8, wherein the sensitising comprises the step of applying an electric pulse to the red blood cell.
 - 3. (cancelled)
 - 4. (cancelled)
- 5. (previously presented) The method according to claim 8, in which the sensitisation of the red blood cell precedes the loading of the agent.
- 6. (previously presented) The method according to claim 8, in which the loading of the agent precedes the sensitisation of the red blood cell.
- 7. (previously presented) The method according to claim 8, in which the sensitisation of the red blood cell and the loading of the agent are simultaneous.
- 8. (previously presented)A method for selectively releasing an agent from a red blood cell comprising the steps of:
 - (a) loading the red blood cell with the agent in vitro or ex-vivo;
 - (b) sensitising *in vitro* or *ex-vivo* the red blood cell by exposing it to an electric field; and
 - (c) causing the agent to be released from the loaded and sensitised red blood cell by applying ultrasound at a frequency and energy sufficient to cause disruption of the loaded and sensitized red blood cell but insufficient to cause disruption of unsensitised red blood cells.
 - 9. (cancelled)
 - 10. (cancelled)
- 11. (previously presented) The method according to claim 8, in which the electric field is applied as an electric pulse from about 0.1 kVolts/cm to about 10 kVolts/cm under *in vitro* conditions.
- 12. (previously presented) The method according to claim 11, in which the electric pulse is applied for between 1 µs and 100 milliseconds.

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- 13. (previously presented) The method according to claim 8, in which the ultrasound is selected from the group consisting of diagnostic ultrasound, therapeutic ultrasound and a combination of diagnostic and therapeutic ultrasound.
- 14. (previously presented) The method according to claim 13, in which the ultrasound is applied by an ultrasound energy source at a power level of from about 0.05 W/cm² to about 100 W/cm².
- 15. (currently amended) A method for delivering an agent to a target site in a vertebrate, comprising the steps of:
 - (a) loading the a red blood cell with the agent in vitro or ex-vivo;
 - (b) sensitising in vitro or ex-vivo the red blood cell by exposing it to an electric field;
 - (c) introducing the loaded and sensitized red blood cell to the target site in a vertebrate by transfusion or infusion; and
 - (d) causing the agent to be released from the loaded and sensitised red blood' cell by applying ultrasound at a frequency and energy sufficient to cause disruption of the loaded and sensitised red blood cell but insufficient to cause disruption of unsensitised red blood cells.
- 16. (original) The method according to claim 15, in which the red blood cell of step (c) comprises polyethylene glycol on its surface.
- 17. (original) The method according to clam 15, in which the vertebrate is a mammal.
- 18. (original) The method according to claim 8 or 15, in which the loading of the agent is simultaneous with the sensitisation of the red blood cell.
- 19. (previously presented) The method according to claim 8 or 15, in which the sensitisation of the red blood cell precedes the loading of the agent.
- 20. (previously presented) The method according to claim 8 or 15, in which the loading of the agent precedes the sensitisation of the red blood cell.
- 21. (previously presented) The method according to claim 8 or 15, in which the loading is performed by a procedure selected from a group consisting of electroporation, sonoporation, microinjection, membrane intercalation, microparticle bombardment, lipid-

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mediated transfection, osmosis, osmotic pulsing, diffusion, endocytosis, and crosslinking to a red blood cell surface component.

- 22. (previously presented) The method according to claim 8 or 15, in which the agent is a polypeptide, a nucleic acid, or a virus.
- 23. (original) The method according to claim 22, in which the agent is combined with an imaging agent.